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PTO/SB/05 (08-00)
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## UTILITY PATENT APPLICATION

CN01167K Attorney Docket No. Zhang et al. First Inventor

Date

| IRANSIVIIIIAL  |  |                           | Title G-PROTEIN COUPLED RECEPTOR AND METHODS |  |  |                                       |                      |
|--|--|---------------------------|--|--|--|---------------------------------------|----------------------|
| (Only for new nonprovision   | nal applications under 37 CFR 1.53(b   | ))                        | ress M                                       | /ail Label No.   | EL22   | 6886526                               | us                   |
|  | TION ELEMENTS  |                           | DDR  | ESS TO:  | Box Pat  | nt Commis<br>ent Applic<br>gton, DC 2 |                      |
| Specification [Total Pages [33]]  Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description Claim(s) Chaim(s) Abstract of the Disclosure  [Total Pages [33]]  [Total Pages [33]]  [Total Pages [33]]  [In applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  ii. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  37 CFR 3.73(b) Statement Power of (when there is an assignee)  Attorney  11. English Translation Document (if applicable) |  |                           |  |  | ge table or Submission  Submission  To above copies  ION PARTS  & document(s)) Power of Attorney of applicable) Copies of IDS Citations  Possion of IDS Citations  Possion of IDS Citations  Copies of IDS Citations  Possion of IDS Citations |                                       |                      |
| or in an Application Data She Continuation  Prior application information:  For CONTINUATION OR DIVISI Box 5b, is considered a part of   | et under 37 CFR 1.76:  Divisional Continuation-in-part (  Examiner CONAL APPS only: The entire disclosure of the accompanying of | (CIP)<br>-<br>of the prio | of p<br>G<br>r applica<br>or divisi          | roup / Art Unit:<br>stion, from which a<br>tonal application a | an oath o  | or declarati                          | on is supplied under |
| The incorporation can only be  | relied upon when a portion has been in 18. CORRESPO  | <del></del>               |  |  | d applica  | ation parts.                          |                      |
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| Name (Print/Type)  | Immac J. Thampoe   |                           | Regis  | tration No. (Atto  | orneyl A   | gent)                                 | 36,322               |

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# **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision.

| TOTAL | AMOUNT      | OF | PAYMENT |
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| IUIAL | WILL COLL ! | UF | LVIMENI |

**(\$)** 710.00

| Complete if Known    |                |  |
|----------------------|----------------|--|
| Application Number   | To be Assigned |  |
| Filing Date          | April 16, 2001 |  |
| First Named Inventor | Zhang et al.   |  |
| Examiner Name        | To be Assigned |  |
| Group Art Unit       | To be Assigned |  |
| Attorney Docket No.  | CN01167K       |  |

Date

4/16/01

| METHOD OF PAYMENT  | FEE CALCULATION (continued)  |          |  |
|--|--|----------|--|
| 1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | 3. ADDITIONAL FEES   |          |  |
| Deposit Deposit  | Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description                        | Fee Paid |  |
| Account 19_0365  | Code (\$) Code (\$)  | Tee Faic |  |
| Number   | 105 130 205 65 Surcharge - late filing fee or oath                                       |          |  |
| Deposit Account Name Schering-Plough Corporation   | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet                     |          |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17                                      | 139 130 139 130 Non-English specification  |          |  |
| Applicant claims small entity status.  | 147 2,520 147 2,520 For filing a request for ex parte reexamination                      |          |  |
| See 37 CFR 1.27  | 112 920° 112 920° Requesting publication of SIR prior to Examiner action                 |          |  |
| 2. Payment Enclosed:  Check Credit card Money Order Other  | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action                |          |  |
| FEE CALCULATION  | 115 110 215 55 Extension for reply within first month                                    |          |  |
| 1. BASIC FILING FEE  | 116 390 216 195 Extension for reply within second month                                  |          |  |
| Large Entity Small Entity  | 117 890 217 445 Extension for reply within third month                                   |          |  |
| Fee Fee Fee Fee Description  | 118 1,390 218 695 Extension for reply within fourth month                                |          |  |
| Code (\$) Code (\$) Fee Paid   | 128 1,890 228 945 Extension for reply within fifth month                                 |          |  |
| 101 710 201 355 Utility filing fee 710.00  | 119 310 219 155 Notice of Appeal   |          |  |
| 106 320 206 160 Design filing fee  | 120 310 220 155 Filing a brief in support of an appeal                                   |          |  |
| 107 490 207 245 Plant filing fee   | 121 270 221 135 Request for oral hearing   |          |  |
| 108 710 208 355 Reissue filing fee   | 138 1,510 138 1,510 Petition to institute a public use proceeding                        |          |  |
| 114 150 214 75 Provisional filing fee  | 140 110 240 55 Petition to revive - unavoidable  |          |  |
| SUBTOTAL (1) (\$) 710.00   | 141 1,240 241 620 Petition to revive - unintentional                                     |          |  |
| 2. EXTRA CLAIM FEES  | 142 1,240 242 620 Utility issue fee (or relssue)   |          |  |
| Fee from Extra Claims below Fee Paid   | 143 440 243 220 Design issue fee   |          |  |
| Total Claims 11 -20** = 0 X = 0  | 144 600 244 300 Plant issue fee  |          |  |
| Independent 2 - 3** = 0 x  | 122 130 122 130 Petitions to the Commissioner  |          |  |
| Claims Multiple Dependent  | 123 50 123 50 Petitions related to provisional applications                              |          |  |
|  | 126 240 126 240 Submission of Information Disclosure Stmt                                |          |  |
| Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)                          | 581 40 581 40 Recording each patent assignment per property (times number of properties) |          |  |
| 103 18 203 9 Claims in excess of 20  | 146 710 246 355 Filing a submission after final rejection<br>(37 CFR § 1.129(a))         |          |  |
| 102 80 202 40 Independent claims in excess of 3  | 149 710 249 355 For each additional invention to be                                      |          |  |
| 104 270 204 135 Multiple dependent claim, if not paid  | examined (37 CFR § 1.129(b))   |          |  |
| 109 80 209 40 ** Reissue independent claims over original patent                                   | 179 710 279 355 Request for Continued Examination (RCE)                                  |          |  |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent                            | 169 900 169 900 Request for expedited examination of a design application                |          |  |
| SUBTOTAL (2) (\$) 0  | Other fee (specify)  |          |  |
| **or number previously paid, if greater; For Reissues, see above                                   | Reduced by Basic Filing Fee Pald SUBTOTAL (3) (\$) 0                                     |          |  |
|  |  |          |  |
| SUBMITTED BY   | Complete (if applicable)  Registration No. 27, 222  Telephone (000) 200 5                |          |  |
| Name (Print/Type) Immac J. Thampoe   | Registration No. (Altomey/Agent) 36,322 Telephone (908) 298-5                            | 061      |  |

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| Typed or printed name  |   |
| Signature  | Date  |

#### PATENT APPLICATION

### G-PROTEIN COUPLED RECEPTOR AND METHODS

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ASSIGNEE: Schering Corporation

"Express Mail" Label No. <u>EL226886526US</u>
Date of Deposit: <u>April 16, 2001</u>

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